

Converting Colors

XYZ(41.5968, 42.7322, 51.2105)

Have a look what the booklet for
XYZ(41.5968, 42.7322, 51.2105)
contains.

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Color

**XYZ(41.4998, 42.5779,
51.3785)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ADB8
RGB	176, 173, 184
RGB Percent	69%, 68%, 72%
CMY	0.3098, 0.3216, 0.2784
CMYK	0.04, 0.06, 0.00, 0.28
HSL	256°, 7%, 70%
HSV	256°, 6%, 72%
XYZ	41.4998, 42.5779, 51.3785
YIQ	175.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

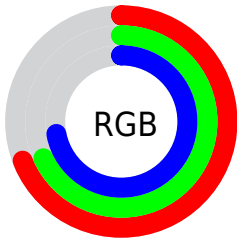
Format	Color
R _Y B	176, 173, 184
Decimal	11578808
CIE Lab	71.27, 3.17, -5.24
CIE LCh	71, 6.126, 301.128
Yxy	42.5779, 0.3064, 0.3143
Android (android.graphics.Color)	4289768888 (0xFFB0ADB8)
YUV	175.1510, 4.3626, 0.7446
Hunter-Lab	65.2517, -0.6654, -1.0081

Details

The XYZ color **41.4998, 42.5779, 51.3785** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7409, 47.1230, 46.3275**, and the grayscale version is **40.8055, 42.9306, 46.7514**.

A 20% lighter version of the original color is **76.7503, 78.9339, 93.6287**, and **19.2463, 19.5985, 24.2412** is the 20% darker color. If you saturate the color by 10%, you get **35.3333, 34.5179, 50.1484**, and if you desaturate by 10%, it is **48.4532, 51.7672, 52.7864**.

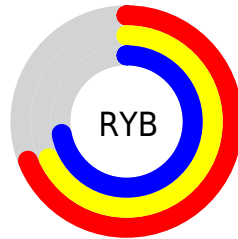
Distribution



Red (69%)

Green (68%)

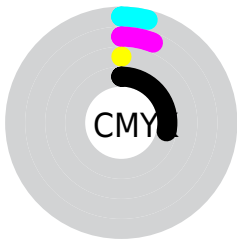
Blue (72%)



Red (69%)

Yellow (68%)

Blue (72%)

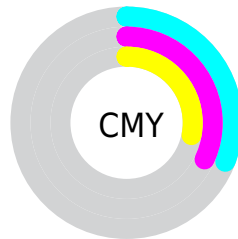


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4998, 42.5779, 51.3785 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.4998, 42.5779, 51.3785 by changing the saturation by 10% instead.

■ 41.4998, 42.5779,
51.3785

■ 41.4998, 42.5779,
51.3785

343.4322,
356.8730, 408.9210

■ 28.8992, 29.5541,
36.1311

■ 76.7120, 79.0735,
93.6312

■ 19.1485, 19.5004,
24.2450

100.0542,
103.3141, 121.4737

■ 11.8823, 12.0324,
15.3016

127.7078,
132.0623, 154.3515

■ 6.7352, 6.7657,
8.8823

160.0380,
165.7027, 192.6833

■ 3.3419, 3.3160,
4.5687

197.4102,
204.6196, 236.8876

■ 1.3370, 1.2989,
1.9423

240.1897,

■ 0.2107, 0.1403,

249.1973, 287.3830

0.5194

288.7419,
299.8203, 344.5879

■ 0.0000, 0.0000,
0.0000

■ 41.4998, 42.5779,
51.3785

■ 41.4998, 42.5779,
51.3785

■ 35.3333, 34.5179,
50.1484

■ 48.4532, 51.7672,
52.7864

■ 29.9215, 27.5379,
49.0864

■ 56.2165, 62.1218,
54.3758

■ 25.2357, 21.5928,
48.1858

■ 64.8166, 73.6828,
56.1541

■ 21.2436, 16.6325,
47.4388

■ 74.2778, 86.4878,
58.1270

■ 17.9107, 12.6022,
46.8365

■ 81.3484, 94.0222,
59.2087

■ 15.1990, 9.4421,
46.3695

■ 85.6519, 96.2407,
59.4101

■ 13.0666, 7.0849,
46.0269

■ 11.4657, 5.4532,
45.7963

■ 10.3374, 4.4489,
45.6620

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.5079, 42.5779, 52.2554



41.4998, 42.5779, 51.3785



42.2253, 42.5779, 49.1486

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4998, 42.5779, 51.3785



41.4313, 42.5779, 41.5759



38.5241, 42.5779, 46.4716

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.4998, 42.5779, 51.3785



43.7409, 47.1230, 46.3275

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.7621, 42.5779, 43.6791



41.4998, 42.5779, 51.3785



40.4301, 42.5779, 40.9257

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.4998, 42.5779, 51.3785



42.1853, 42.5779, 43.4939



39.4554, 42.5779, 41.6796



38.7999, 42.5779, 49.3495

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.4998, 42.5779, 51.3785



42.4543, 42.5779, 47.2390



39.4554, 42.5779, 41.6796



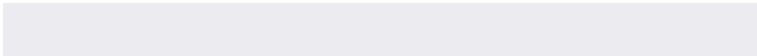
38.5466, 42.5779, 45.4922

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.5010, 42.5797, 51.3794



80.0278, 83.5056, 94.1049



42.4242, 45.4211, 51.8792



17.2809, 18.0398, 20.2928



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5010, 42.5797, 51.3794



73.8849, 75.4180, 92.8676



42.7545, 43.2259, 51.4381



9.0089, 9.1811, 11.3767



6.9339, 2.8857, 31.4446



0.3059, 0.1334, 1.1114

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.0527, 43.4155, 49.8290



77.2137, 77.2114, 89.5269



42.4914, 46.4788, 46.2690



9.4364, 9.4114, 10.9471



16.6126, 8.2188, 16.3786



0.6102, 0.2995, 0.7065

Previews

White Background



This preview shows how the XYZ color 41.4998, 42.5779, 51.3785 looks on a white background.

Color Contrast Check

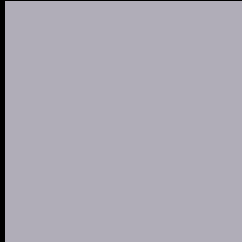
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.4998, 42.5779, 51.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

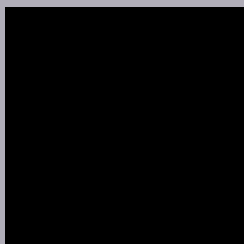
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

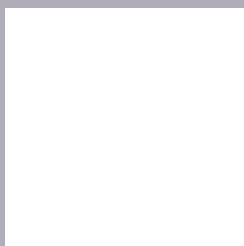
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4998, 42.5779, 51.3785

Background



This preview shows how black text looks on a background with the XYZ color 41.4998, 42.5779, 51.3785.



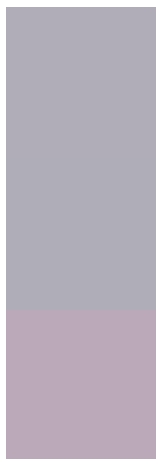
This preview shows how white text looks on a background with the XYZ color 41.4998, 42.5779,

51.3785.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.4998, 42.5779, 51.3785

Protanopia

41.2745, 42.4618, 51.3679

Deuteranopia

43.4384, 42.4435, 51.8019



Tritanopia

41.7110, 42.6624, 52.4906

Trichromacy



Original Color

41.4998, 42.5779, 51.3785

Protanomaly

41.2745, 42.4618, 51.3679

Deuteranomaly

42.6601, 42.3195, 51.8190

Tritanomaly

41.6050, 42.6200, 51.9326

Monochromacy



Original Color

41.4998, 42.5779, 51.3785

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8511, 42.6004, 48.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4998, 42.5779, 51.3785 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.4998, 42.5779, 51.3785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 173, 184) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 173, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4998, 42.5779, 51.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
173, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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